

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

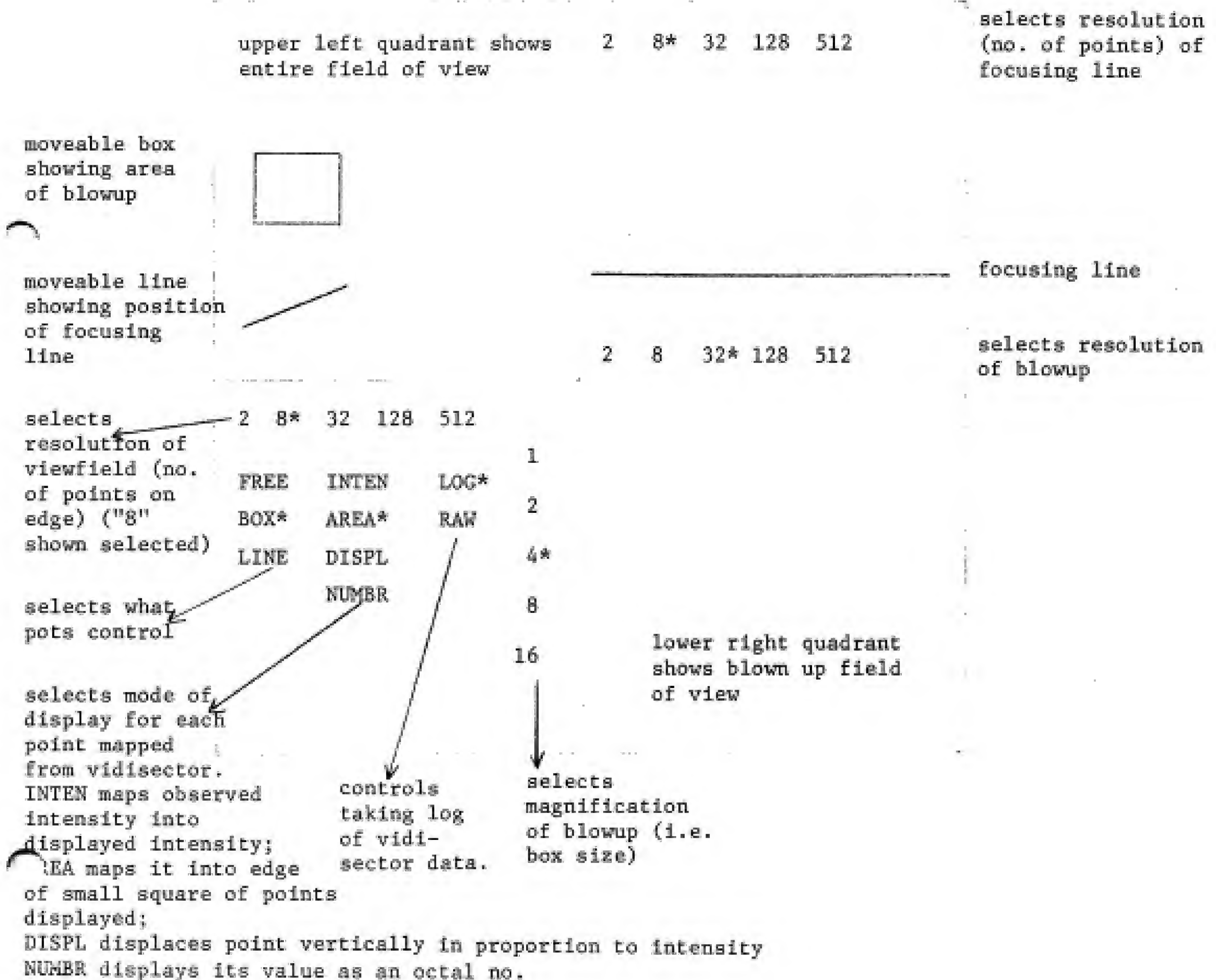
PROJECT MAC
Eye Program

Artificial Intelligence Project
Programs Memo. # 115

December, 1966.

Peter R. Samson.

EYE is a program (on the Vision System tape with the name EYE BALL) which displays on the 340 the field of view of the vidisector. The program is controlled by the light pen, which selects various modes and options; and by the box with four pots, to locate the exact area examined. The scope display is arranged as follows:



The FREE mode allows the pots to be moved without affecting the box or line. When the BOX and LINE modes are entered, they automatically align the current pot settings with the current box or line position. In the BOX mode, two of the pots move the box's left edge and bottom, and the other two pots are free. In the LINE mode, two pots adjust the X and Y of one endpoint and the two others similarly move the other end. The end of the moveable line which corresponds to the left end of the focusing line is the end moved by the two pots which (in BOX mode) move the box.